



UNIVERSITY OF SWAZILAND

2nd SEM. 2014/2015

FINAL EXAMINATION PAPER

PROGRAMME: B.Sc. ANIMAL SCIENCE YEAR 4

COURSE CODE: AS 405

TITLE OF PAPER: GOAT AND SHEEP PRODUCTION

TIME ALLOWED: THREE (3) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED BY
THE CHIEF INVIGILATOR**

QUESTION 1

- (a) In terms of products and feeding behaviour, what attributes make the goat a preferred animal to rear by farmers in many tropical countries. **(15 Marks)**
- (b) Give names and place of origin of each of the following types of sheep:
- (i) Any two meat breeds **(4 Marks)**
 - (ii) Any two wool breeds **(4 Marks)**
 - (iii) Any one dual purpose breed. **(2 Marks)**

QUESTION 2

Describe the (a) Boer and (b) Savanna goats and further explain why you believe these goat breeds could survive better under Swaziland's climatic conditions and help to enhance the country's economic prosperity comparative to other breeds. **(25 Marks)**

QUESTION 3

Discuss the management systems used in goat production. **(25 Marks)**

QUESTION 4

Discuss sheep production in terms of products and by-products. **(25 Marks)**

QUESTION 5

- (a) What are the economic advantages and disadvantages of rearing sheep. **(12 Marks)**
- (b) The highest lamb mortalities occur during the first two weeks of life. Hence lamb management especially at this early stage is one of the important aspects of sheep production. In this regard, discuss the various activities that must be executed as part of lamb management from birth to weaning and weaning to market. **(13 Marks)**